

# PATENT APPLICATION

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Leopoldo ALARCON et al.

Group Art Unit: Unassigned

Application No.: New Application

Examiner: Unassigned

Filed: February 11, 2004

Attorney Dkt. No.: 60282.00112

For: ENHANCED FAST HANDOVER PROCEDURES

### INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

February 12, 2004

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the information item(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each item(s) is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the item(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date or the date of filing a CPA, OR (b) before the mailing date of a first Office Action on the merits in the present application, or (c) accompanies a Request for Continued Examination. No certification or fee is required.
- ☐ 2. This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.
- ☐ a. I hereby certify that each item of information contained in this Information Disclosure Statement was cited in a communication from a

foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(1).

☐ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(2).

☐ c. A check in the amount of \$180.00 in payment of the fee under 37 CFR §1.17(p). Please charge any fee deficiency or credit any overpayment to Counsel's Deposit Account No. 50-2222 as needed to ensure consideration of the disclosed information.

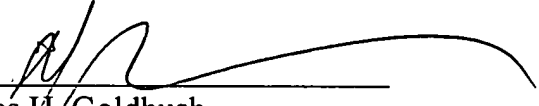
☐ 3. This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. Applicant(s) hereby petition(s) that the Information Disclosure Statement be considered. Attached is our check in the amount of \$130.00 in payment of the petition fee under 37 CFR §1.17(i)(1). Please charge any fee deficiency or credit any overpayment to Counsel's Deposit Account No. 50-2222 as needed to ensure consideration of the disclosed information.

☐ a. I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(1).

☐ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in any communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(2).

In the event that there are any fees due with respect to the filing of this paper, please charge Counsel's Deposit Account No. 50-2222.

Respectfully submitted,

  
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Enclosures: PTO-1449 Form; 8 References

|  |                                      |                 |
|--|--------------------------------------|-----------------|
| FORM PTO-1449<br><br>U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br><br>LIST OF REFERENCES CITED BY APPLICANT<br><br><i>(Use several sheets if necessary)</i> | ATTY. DOCKET NO.                     | SERIAL NO.      |
|  | 60282.00112                          | New Application |
|  | APPLICANT<br>Leopoldo ALARCON et al. |                 |
|  | FILING DATE                          | GROUP           |
|  | February 12, 2004                    | Unassigned      |

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT<br>NO. | DATE | NAME | CLASS | SUB-<br>CLASS | FILING<br>DATE |
|---------------------|----|-----------------|------|------|-------|---------------|----------------|
|                     | AA |                 |      |      |       |               |                |
|                     | AB |                 |      |      |       |               |                |

## FOREIGN PATENT DOCUMENTS

|  |    | DOCUMENT<br>NO. | DATE | COUNTRY | CLASS | SUB-<br>CLASS | <u>TRANSLATION</u><br>YES NO PART. |  |  |
|--|----|-----------------|------|---------|-------|---------------|------------------------------------|--|--|
|  | AC |                 |      |         |       |               |                                    |  |  |
|  | AD |                 |      |         |       |               |                                    |  |  |

OTHER REFERENCES *(Including Author, Title, Date, Pertinent Pages, Etc.)*

|  |    |   |
|--|----|---|
|  | AE | 3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Services and System Aspects; Feasibility Study on 3GPP System to Wireless Local Area Network (WLAN) Interworking (Release 6), v. 6.1.0 (2002-12)      |
|  | AF | EURESCOM Technical Information Specification, "Fast Handovers for Mobile IPv6," 2002 EURESCOM Participants in Project P1113   |
|  | AG | An Analysis of the Fast Handovers for Mobile IPv6 Protocol, Janne Lundberg, Helsinki University of Technology, Laboratory for Theoretical Computer Science, May 28, 2003  |
|  | AH | Mobile IP Working Group, Internet Draft, 1 March 2003, "Fast Handovers for Mobile IPv6 draft-ietf-mobileip-fast-mipv6-06.txt"   |
|  | AI | Internet Engineering Task Force, Internet-Draft, "Mobility Related Terminology," J. Manner, M. Kojo, University of Helsinki, April, 2003  |
|  | AJ | Internet Draft, "Recommendations for Achieving Seamless IPv6 Handover in IEEE 802.11 Networks," Paul Tan, ICR, February 2003  |
|  | AK | SeaMoby Working Group, Internet Draft, Document: draft-trossen-seamoby-cardiscovery, Dirk Trossen, Govind Krishnamurthi, Hemant Chaskar, Nokia Research Center, Eunsoo Shim, Richard D. Gitlin, Columbia University, November, 2001 |
|  | AL | "Fast Handovers and Context Transfers in Mobile Networks," Rajeev Koodi, Charles E. Perkins   |

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.